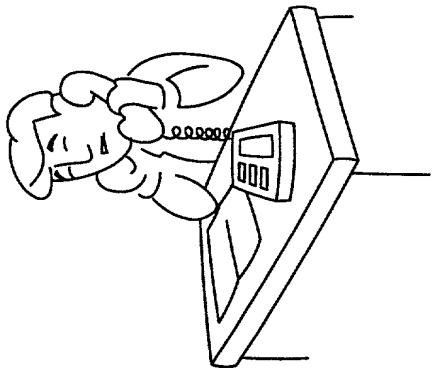


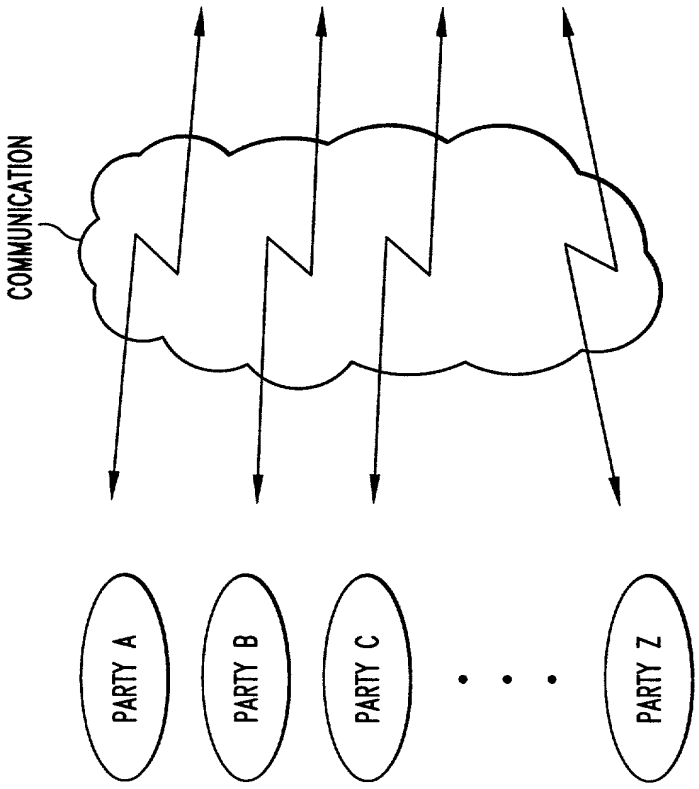


Fig. 1

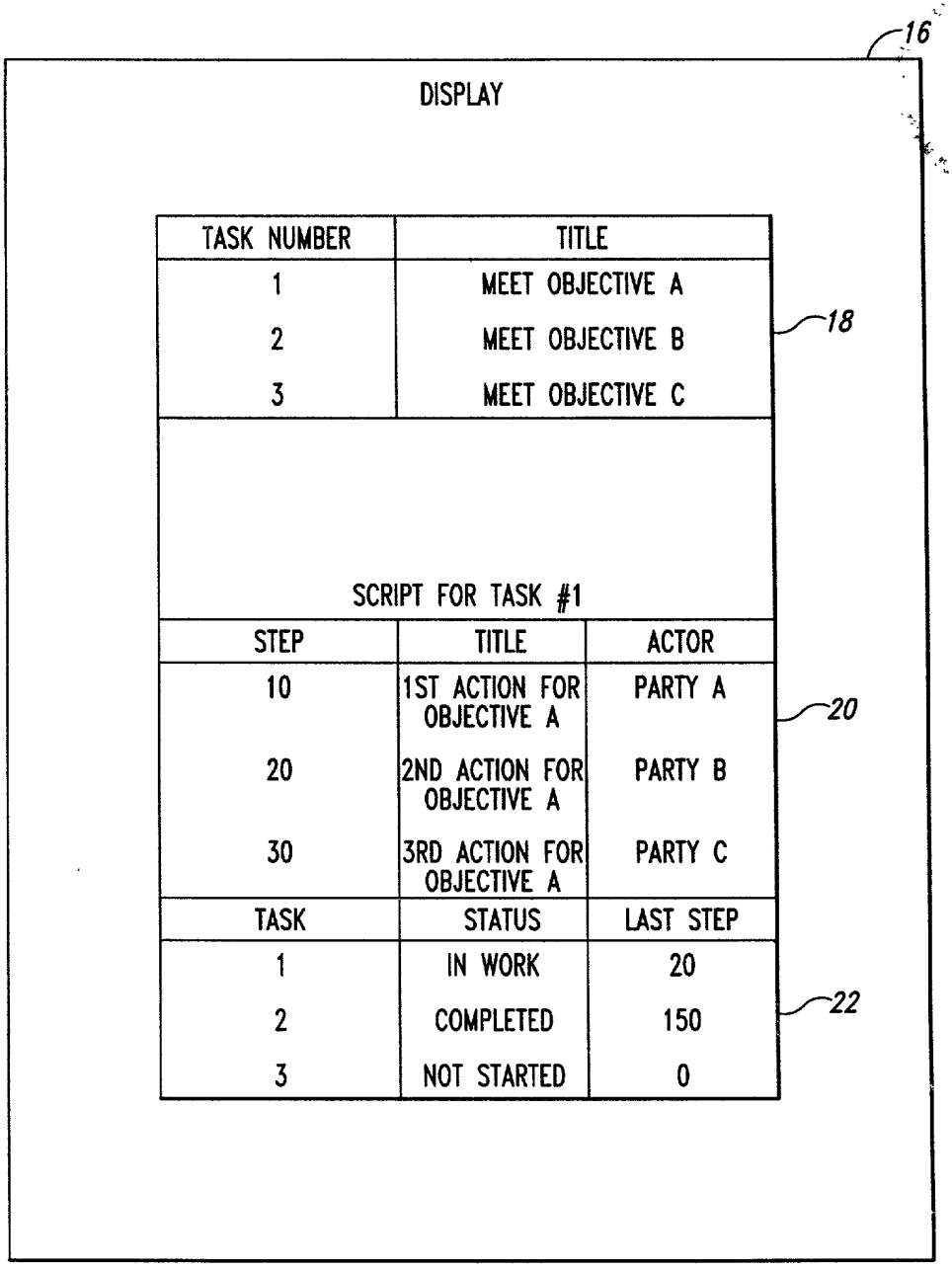


Fig. 2

attorney-client privilege

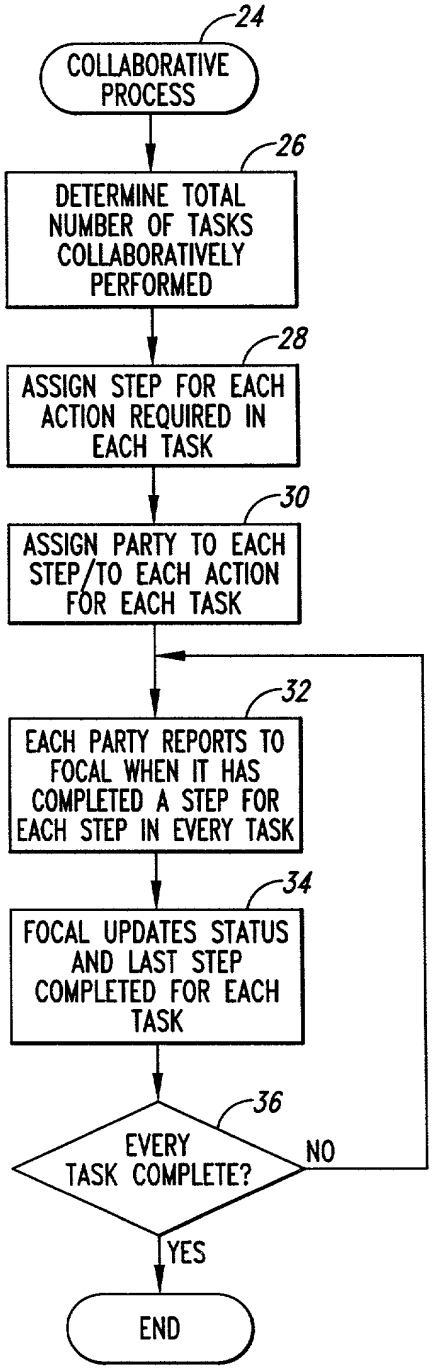

24
COLLABORATIVE PROCESS
26
DETERMINE TOTAL NUMBER OF TASKS COLLABORATIVELY PERFORMED
28
ASSIGN STEP FOR EACH ACTION REQUIRED IN EACH TASK
30
ASSIGN PARTY TO EACH STEP/TO EACH ACTION FOR EACH TASK
32
EACH PARTY REPORTS TO FOCAL WHEN IT HAS COMPLETED A STEP FOR EACH STEP IN EVERY TASK
34
FOCAL UPDATES STATUS AND LAST STEP COMPLETED FOR EACH TASK
36
EVERY TASK COMPLETE?
NO
YES
END

Fig. 3

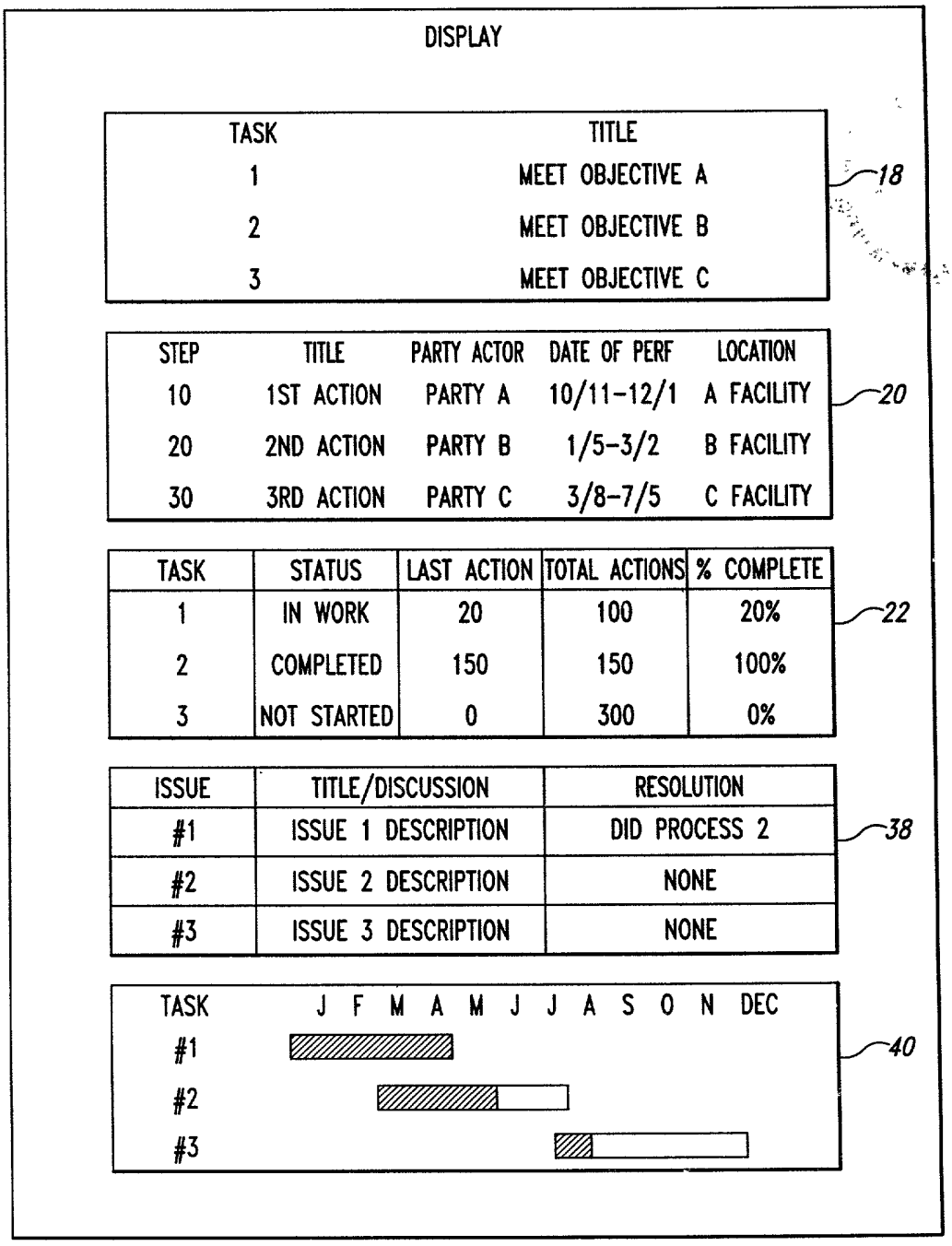

DISPLAY
TASK
TITLE
1
MEET OBJECTIVE A
2
MEET OBJECTIVE B
3
MEET OBJECTIVE C
18
STEP
TITLE
PARTY ACTOR
DATE OF PERF
LOCATION
10
1ST ACTION
PARTY A
10/11-12/1
A FACILITY
20
2ND ACTION
PARTY B
1/5-3/2
B FACILITY
30
3RD ACTION
PARTY C
3/8-7/5
C FACILITY
20
TASK
STATUS
LAST ACTION
TOTAL ACTIONS
% COMPLETE
1
IN WORK
20
100
20%
2
COMPLETED
150
150
100%
3
NOT STARTED
0
300
0%
22
ISSUE
TITLE/DISCUSSION
RESOLUTION
#1
ISSUE 1 DESCRIPTION
DID PROCESS 2
#2
ISSUE 2 DESCRIPTION
NONE
#3
ISSUE 3 DESCRIPTION
NONE
38
TASK
J F M A M J J A S O N DEC
#1
#2
#3
40

Fig. 4

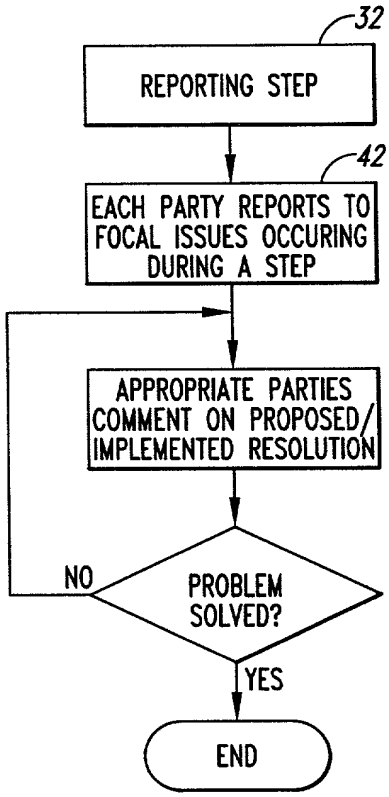


Fig. 5A

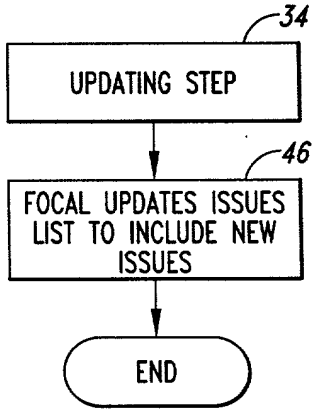


Fig. 5B

25534-2003.pat

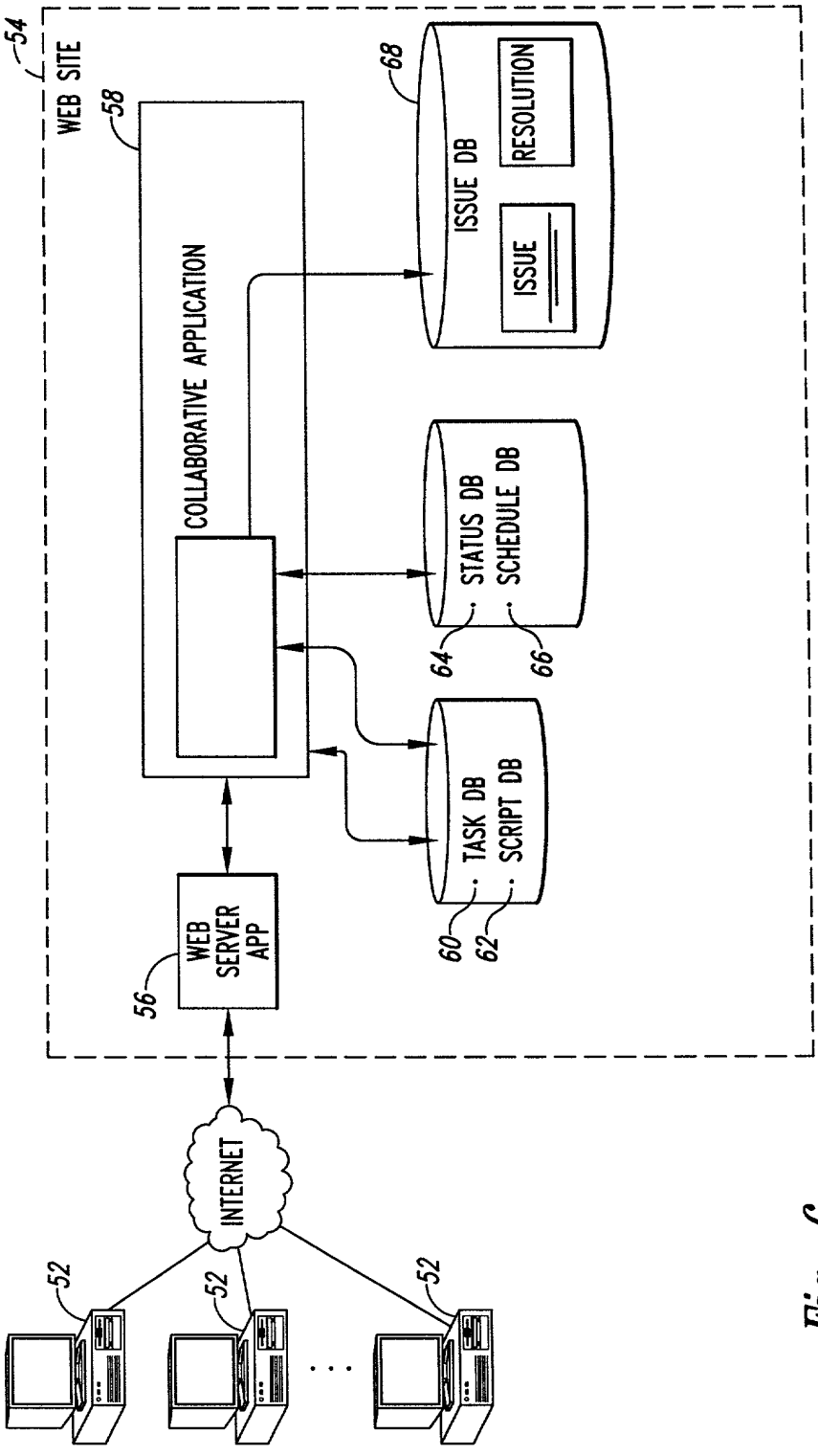

54
WEB SITE
58
COLLABORATIVE APPLICATION
68
ISSUE DB
RESOLUTION
ISSUE
STATUS DB
SCHEDULE DB
64
66
TASK DB
SCRIPT DB
60
62
WEB SERVER APP
56
INTERNET
52
52
52

Fig. 6

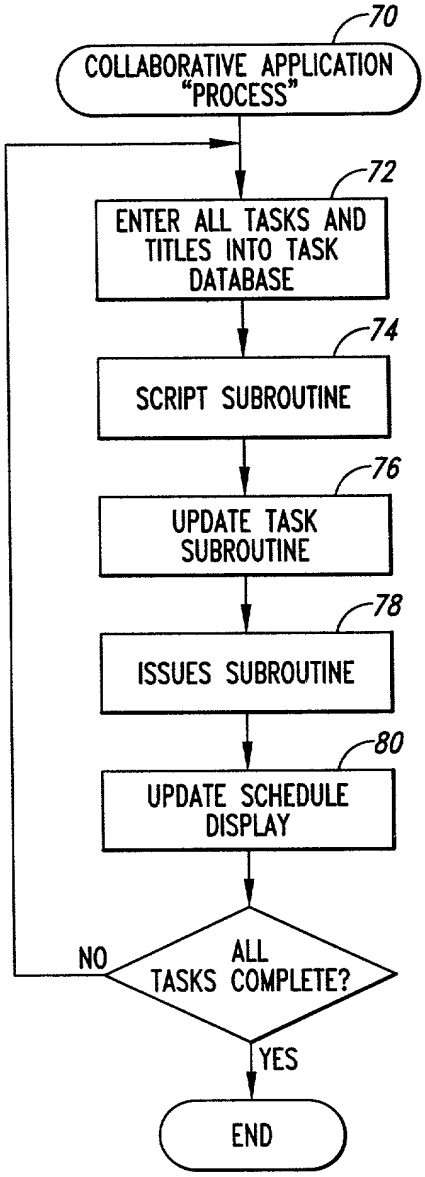

70
COLLABORATIVE APPLICATION "PROCESS"
72
ENTER ALL TASKS AND TITLES INTO TASK DATABASE
74
SCRIPT SUBROUTINE
76
UPDATE TASK SUBROUTINE
78
ISSUES SUBROUTINE
80
UPDATE SCHEDULE DISPLAY
ALL TASKS COMPLETE?
NO
YES
END

Fig. 7

206TED"hE39000t

E	FTU616SCML-01	INITIAL SUPPLIER CUSTOM MODULE LIST
	FTU616SCML-02	REVISED SUPPLIER CUSTOM MODULE LIST
	FTU616SCML-03	SUPPLIER CUSTOM MODULE LIST WITH SCP REMOVED
	FTU616SMPL-01	INITIAL SUPPLIER MODULE PARTS LIST FOR MODULE
	FTU616SMPL-02	REVISED SUPPLIER MODULE PARTS LIST FOR MODULE
	FTU616SMPL-03	SUPPLIER MODULE PARTS LIST FOR EXCEPTION MODULE
	FTU616SMPL-04	SUPPLIER MODULE PARTS LIST WHEN USING PICTURE SHEET
	FTU616SMPL-05	SUPPLIER MODULE PARTS LIST FOR MODULE AT DEVELOPMENTAL PHASE

HOME | SITE MAP | SUPPLIER INFORMATION | FEEDBACK

Fig. 8

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION
Inventors: Libra et al.
Docket No. 00-348

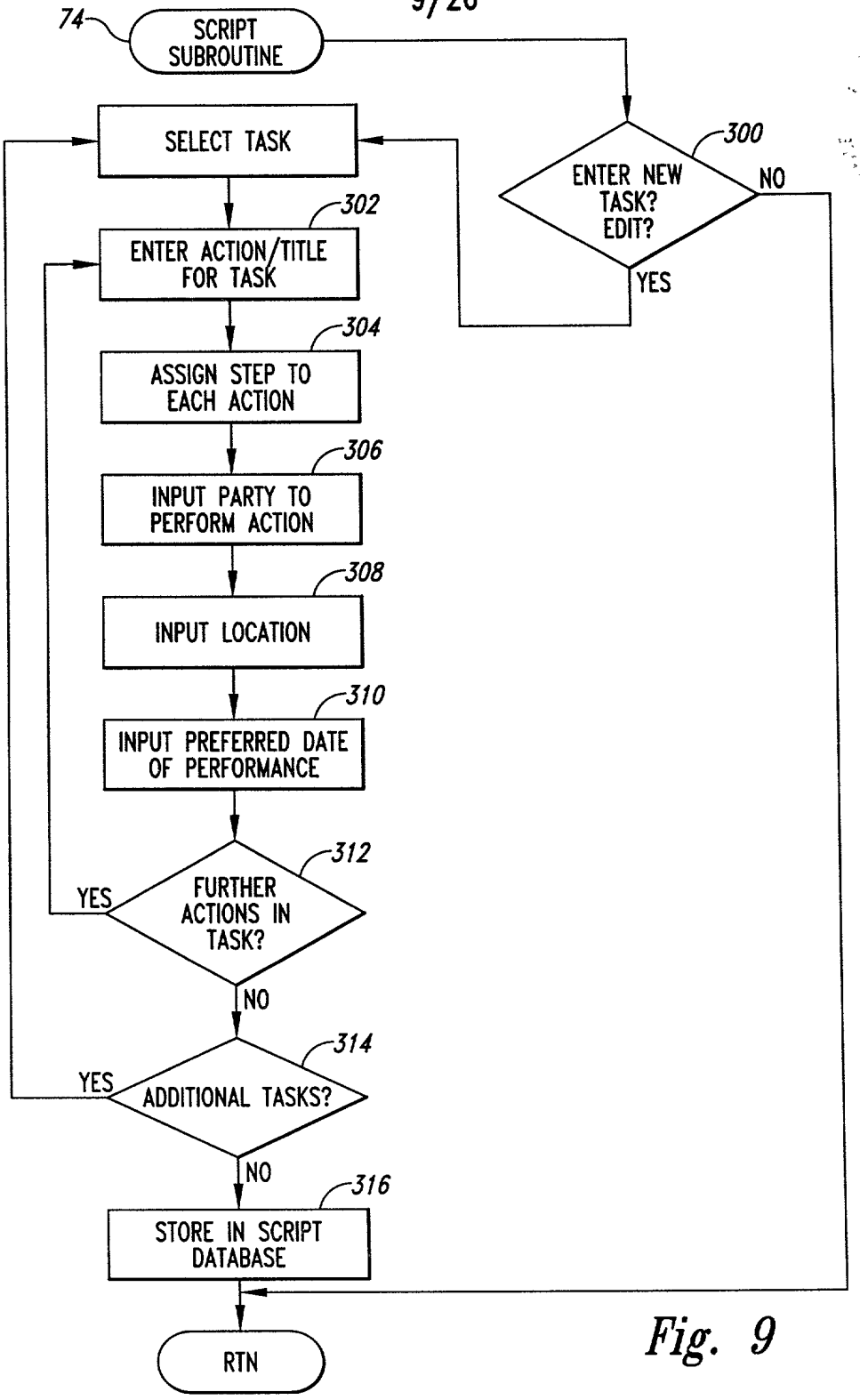

74
SCRIPT SUBROUTINE
SELECT TASK
300
ENTER NEW TASK? EDIT?
NO
YES
302
ENTER ACTION/TITLE FOR TASK
304
ASSIGN STEP TO EACH ACTION
306
INPUT PARTY TO PERFORM ACTION
308
INPUT LOCATION
310
INPUT PREFERRED DATE OF PERFORMANCE
312
FURTHER ACTIONS IN TASK?
YES
NO
314
ADDITIONAL TASKS?
YES
NO
316
STORE IN SCRIPT DATABASE
RTN

Fig. 9

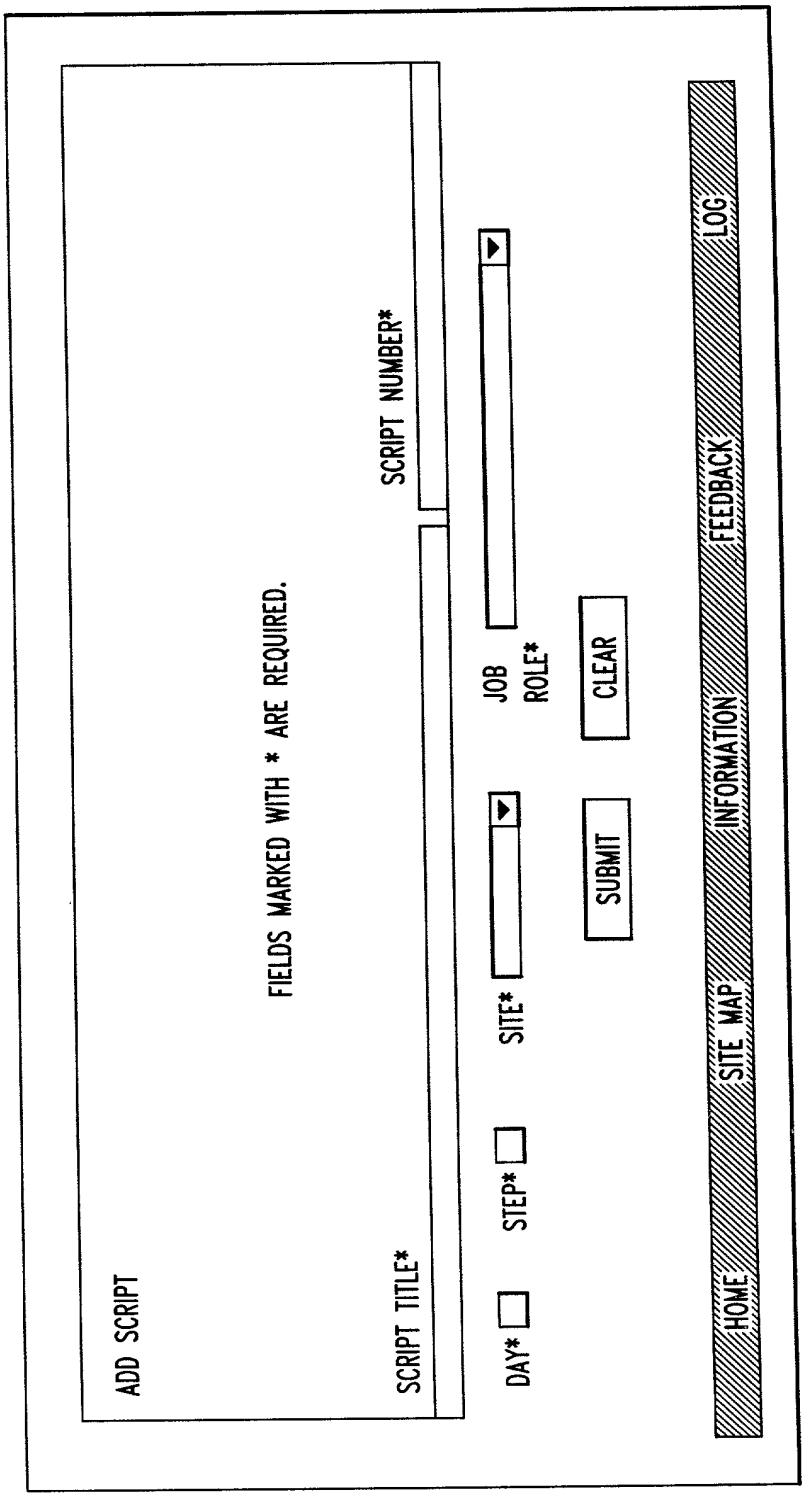

ADD SCRIPT
FIELDS MARKED WITH * ARE REQUIRED.
SCRIPT TITLE*
SCRIPT NUMBER*
DAY*
STEP*
SITE*
JOB ROLE*
SUBMIT
CLEAR
HOME
SITE MAP
INFORMATION
FEEDBACK
LOG

Fig. 10

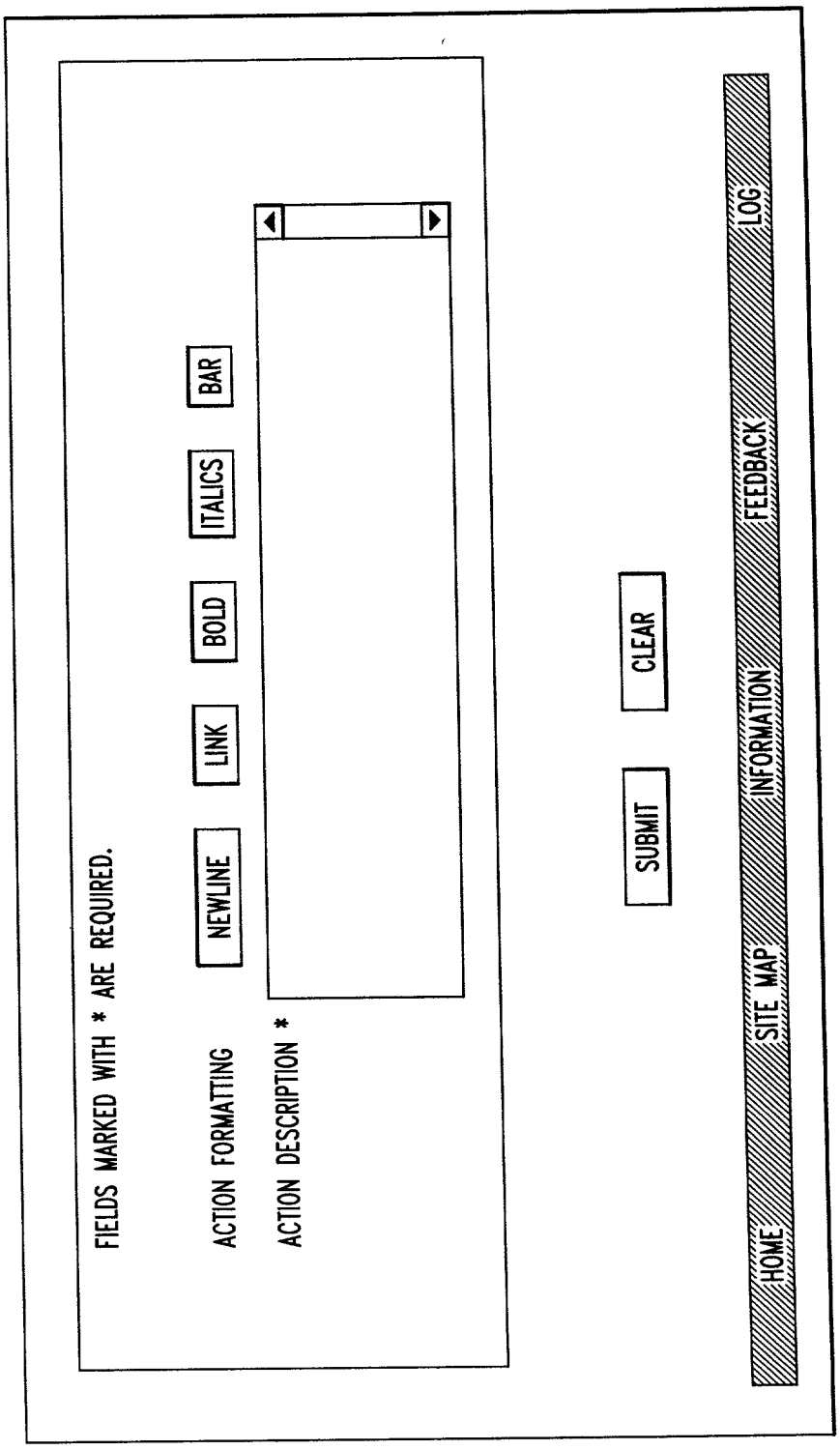

FIELDS MARKED WITH * ARE REQUIRED.
ACTION FORMATTING
NEWLINE
LINK
BOLD
ITALICS
BAR
ACTION DESCRIPTION *
SUBMIT
CLEAR
HOME
SITE MAP
INFORMATION
FEEDBACK
LOG

Fig. 11

206TED"tE2800QT

EDIT	DELETE		ACTIONID	ACTIONS
○	○	SUBMIT	1	CREATE SNET OCCURRENCE WITH A DISTRIBUTABLE PRODUCT OF PL WHEN PART CHANGES STATE.
○	○	SUBMIT	2	CHANGE THE PART TO "APPROVED" STATE IN ENGINEERING VIEW TO CREATE DISTRIBUTION OCCURRENCE.
○	○	SUBMIT	3	CREATE STEP FILES FOR SNET OCCURRENCES WITH A DISTRIBUTABLE PRODUCT OF PL. WHEN CLIENT HAS COMPLETED, LOOK FOR THE FOLLOWING STATEMENTS: mfail = 0, updOccStatus = TRANSFERRED TOTAL OCCURRENCE PROCESSED = (# OF bSNET OCCURRENCES FOR PART).
○	○	SUBMIT	4	VERIFY SNET OCCURRENCE STATUS = "TRANSFERRED" (BRINGS UP SNET OCCURRENCE SCREEN). QUERY -> DISTRIBUTION -> PDM SNET OCCURRENCES
○	○	SUBMIT	5	NOTIFY SUPPLIER FOCAL THAT PDM TRANSACTIONS OCCURRING.

Fig. 12

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION
Inventors: Libra et al.
Docket No. 00-349

SCRIPT TITLE

F	DAY	STEP NUMBER	JOB ROLE	SITE	ACTION
		10	*	BOEING	CREATE SNET OCCURRENCE WITH A DISTRIBUTABLE PRODUCT OF SCML WHEN ASCT CHANGES STATE
		20	*	BOEING	CHANGE THE ASCT TO "CAD" STATE IN MANUFACTURING VIEW TO CREATE DISTRIBUTION OCCURRENCE
		30	*	BOEING	CREATE STEP FILES FOR SNET OCCURRENCES WITH A DISTRIBUTABLE PRODUCT OF SCML "WHEN CLIENT HAS COMPLETED LOOK FOR THE FOLLOWING STATEMENTS: mfail = 0, updOccStatus = TRANSFERRED TOTAL OCCURRENCE PROCESSED = (# OF bSNET OCCURRENCES FOR SCML). IF THERE WAS A FAILURE: mfail = # OF FAILURES, updOccStatus = INWORK. TO DETERMINE CURRENT CLIENT DIRECTORY: TYPE "dspstat -s EOcc232Client" THEN CHANGE TO THE DIRECTORY WHEN YOU ARE READY TO RUN CLIENT. DEPENDING ON WHAT ENVIRONMENT YOU ARE RUNNING THE CLIENTS, THE ACTUAL DIRECTORY PATH WILL VARY. AT LOCAL WINDOW IN UNIT TYPE THE FOLLOWING EXAMPLE: EXAMPLE: cd/opt/int3_a/ pdpic/int_pdm_servers EOcc232Client
		40	*	BOEING	VERIFY SNET OCCURRENCE STATUS = "TRANSFERRED" (BRINGS UP SNET OCCURRENCE SCREEN) QUERY -> DISTRIBUTION -> PDM SNET OCCURRENCES

Fig. 13

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION
Inventors: Libra et al.
Docket No. 00-348

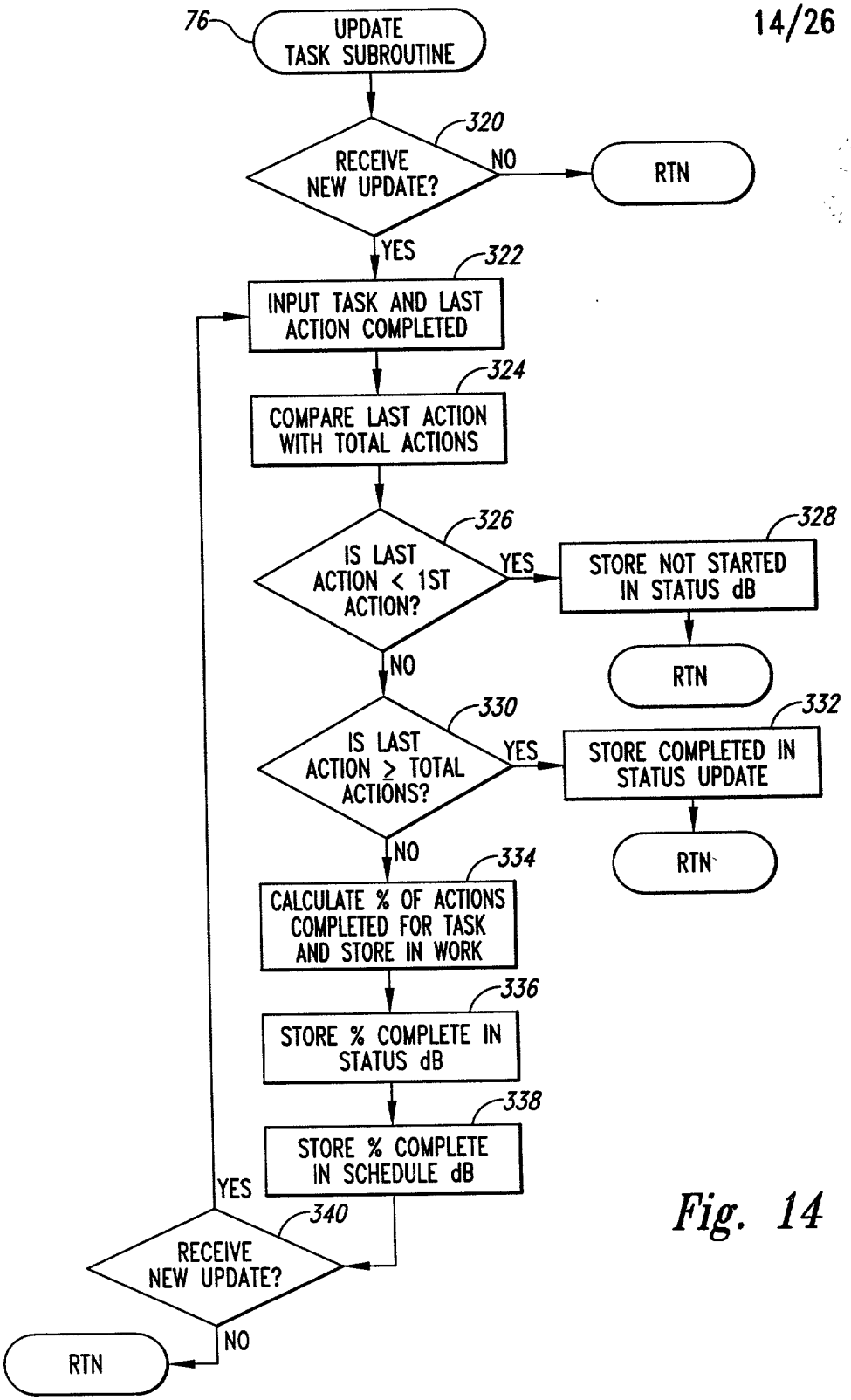


Fig. 14

Attorney Docket No. 00-348

206760 "4E280007

H	SCRIPTNUMBER	TITLE	LAST PASS/FAIL STEP	STATUS	TOTAL STEPS	%COMPLETE
	FH1 1	BASIC RELEASE	37 37 GET	COMPLETE	37	100%
	FTU616SCML-01	INITIAL SUPPLIER CUSTOM MODULE LIST	200 200 GET	IN-WORK	21	95%
	FTU616SCML-02	REVISED SUPPLIER CUSTOM MODULE LIST	210 210 GET	COMPLETE	21	100%
	FTU616SCML-03	SUPPLIER CUSTOM MODULE LIST WITH SCP REMOVED	210 210 GET	COMPLETE	21	100%
	FTU616SMPL-01	INITIAL SUPPLIER MODULE PARTS LIST FOR MODULE	GET	NOT STARTED	21	0
	FTU616SMPL-02	REVISED SUPPLIER MODULE PARTS LIST FOR MODULE	GET	NOT STARTED	21	0
	FTU616SMPL-03	SUPPLIER MODULE PARTS LIST FOR EXCEPTION MODULE	GET	NOT STARTED	21	0
	FTU616SMPL-04	SUPPLIER MODULE PARTS LIST WHEN USING PICTURE SHEET	GET	NOT STARTED	21	0
	FTU616SMPL-05	SUPPLIER MODULE PARTS LIST FOR MODULE	GET	NOT STARTED	21	0

F	STATUS TITLE	STATUS	DEFINITION
	TOTAL TESTS	9	TOTAL NUMBER OF TESTSCRIPTS FOR COMPANY/SUPPLIER.
	TESTS NOT STARTED	5	TESTSCRIPTS WITH NO STEPS PASSED AND NO STEPS FAILED
	TESTS FAILED	1	NUMBER OF TESTSCRIPTS WITH A STEP FAILED.
	COMPLETED TESTS	3	TESTSCRIPTS WITH ALL STEPS PASSED AND NONE FAILED.

VIEW DETAIL TEST STATUS

HOME SITE MAP SUPPLIER INFORMATION FEEDBACK

Fig. 15

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION
Inventors: Libra et al.
Docket No. 00-348

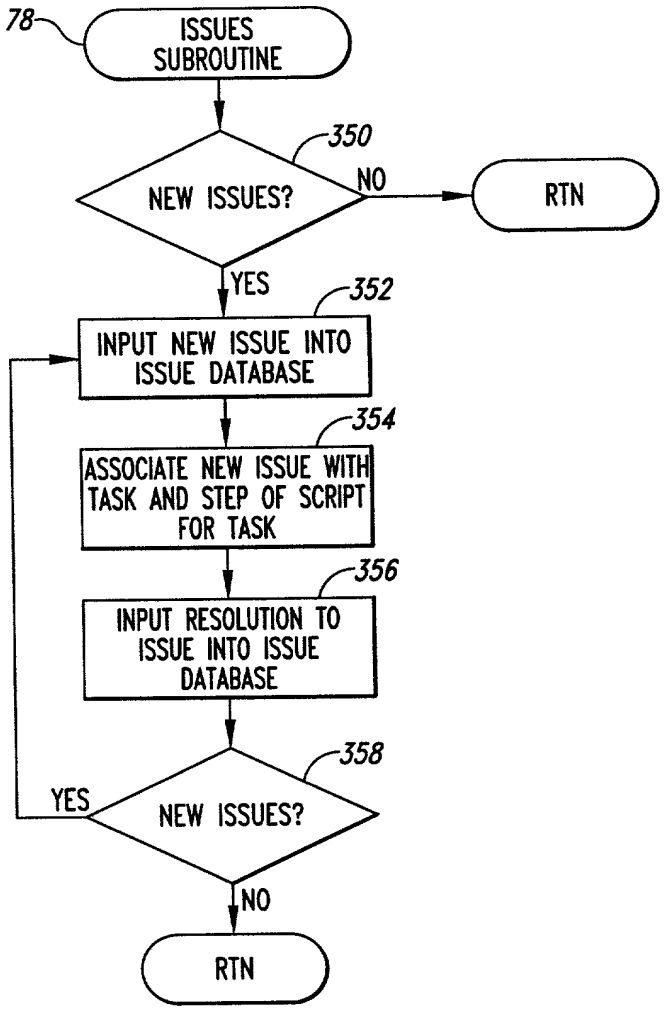

78
ISSUES SUBROUTINE
350
NEW ISSUES?
NO
RTN
YES
352
INPUT NEW ISSUE INTO ISSUE DATABASE
354
ASSOCIATE NEW ISSUE WITH TASK AND STEP OF SCRIPT FOR TASK
356
INPUT RESOLUTION TO ISSUE INTO ISSUE DATABASE
358
YES
NEW ISSUES?
NO
RTN

Fig. 16

206:E0'hE23000T

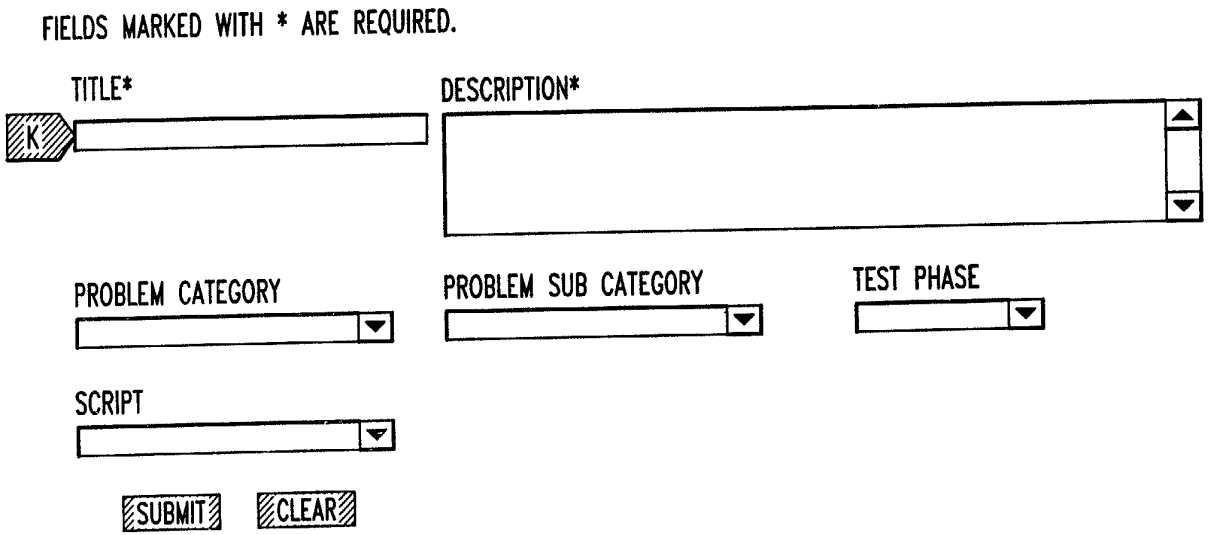


Fig. 17

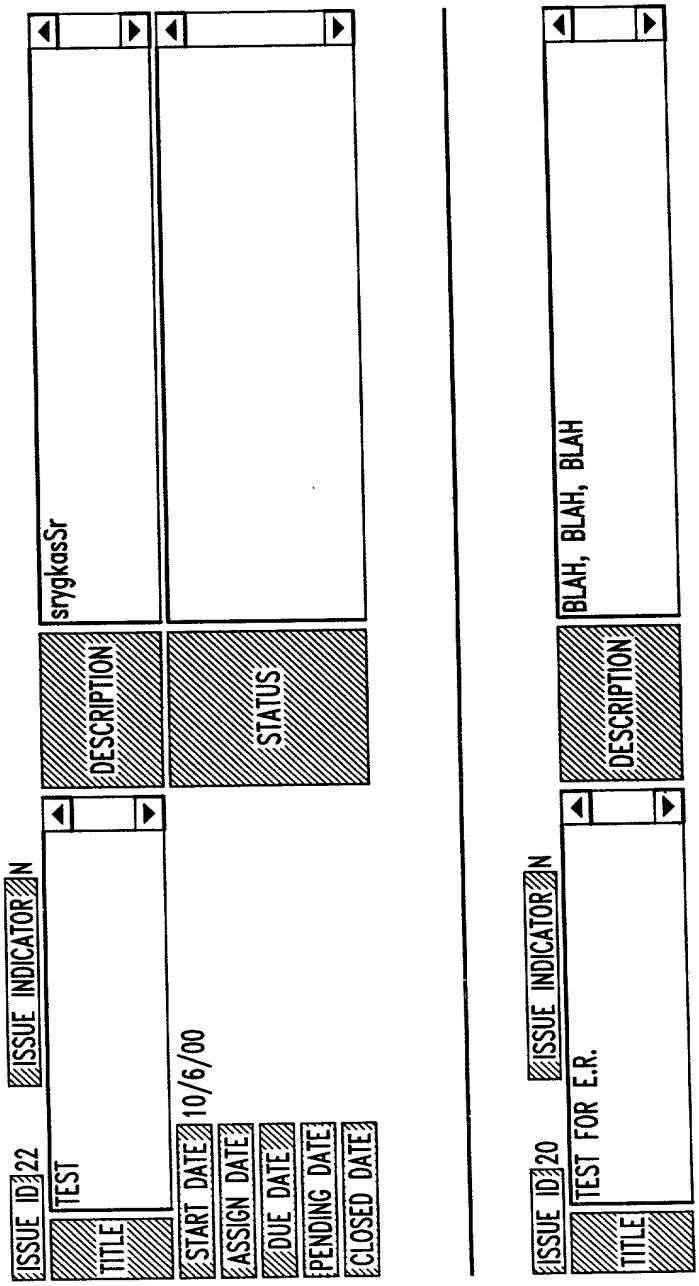

ISSUE ID 22
ISSUE INDICATOR N
TITLE
TEST
START DATE 10/6/00
ASSIGN DATE
DUE DATE
PENDING DATE
CLOSED DATE
DESCRIPTION
srygkasSr
STATUS
ISSUE ID 20
ISSUE INDICATOR N
TITLE
TEST FOR E.R.
DESCRIPTION
BLAH, BLAH, BLAH

Fig. 18

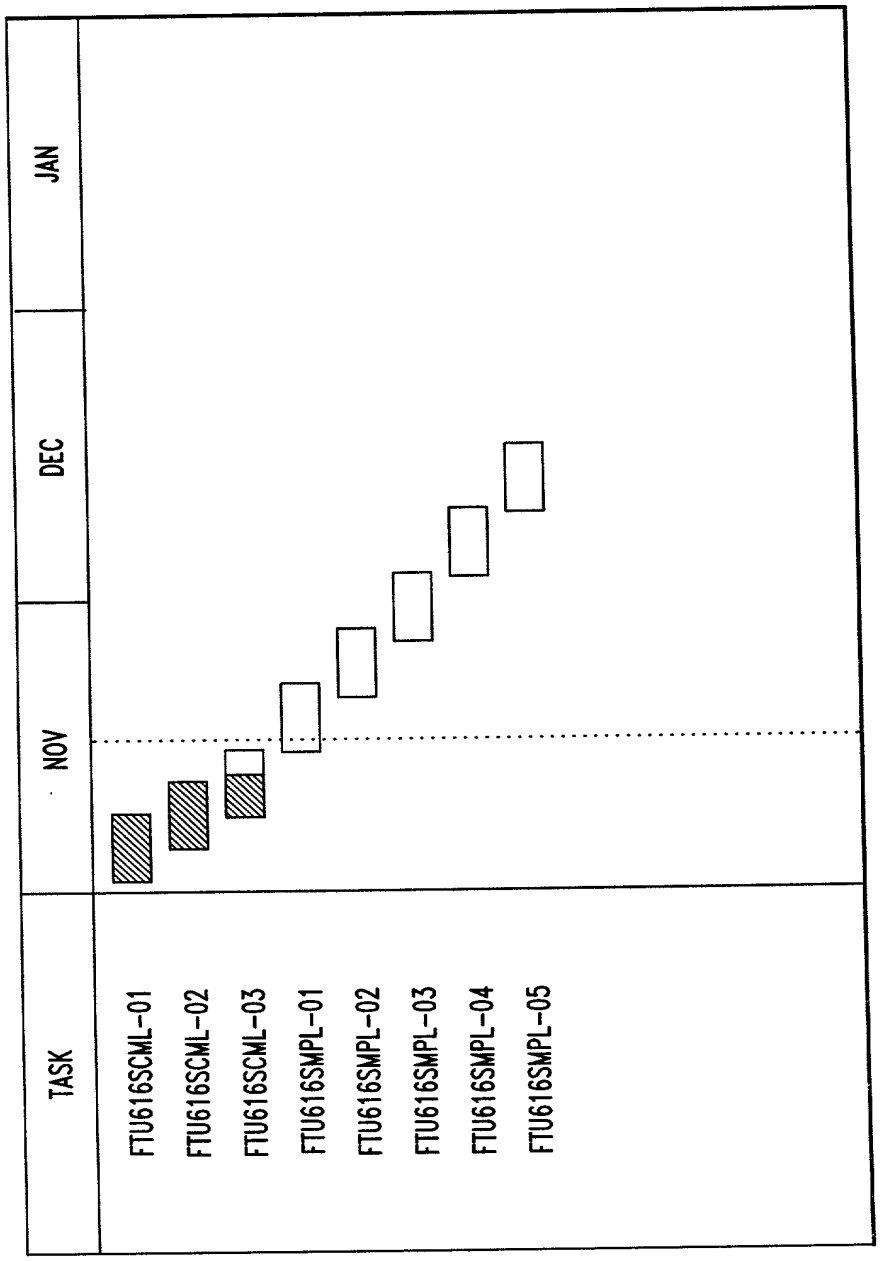

TASK SCHEDULE
NOV
DEC
JAN
TASK
FTU616SCML-01
FTU616SCML-02
FTU616SCML-03
FTU616SMPL-01
FTU616SMPL-02
FTU616SMPL-03
FTU616SMPL-04
FTU616SMPL-05

Fig. 19

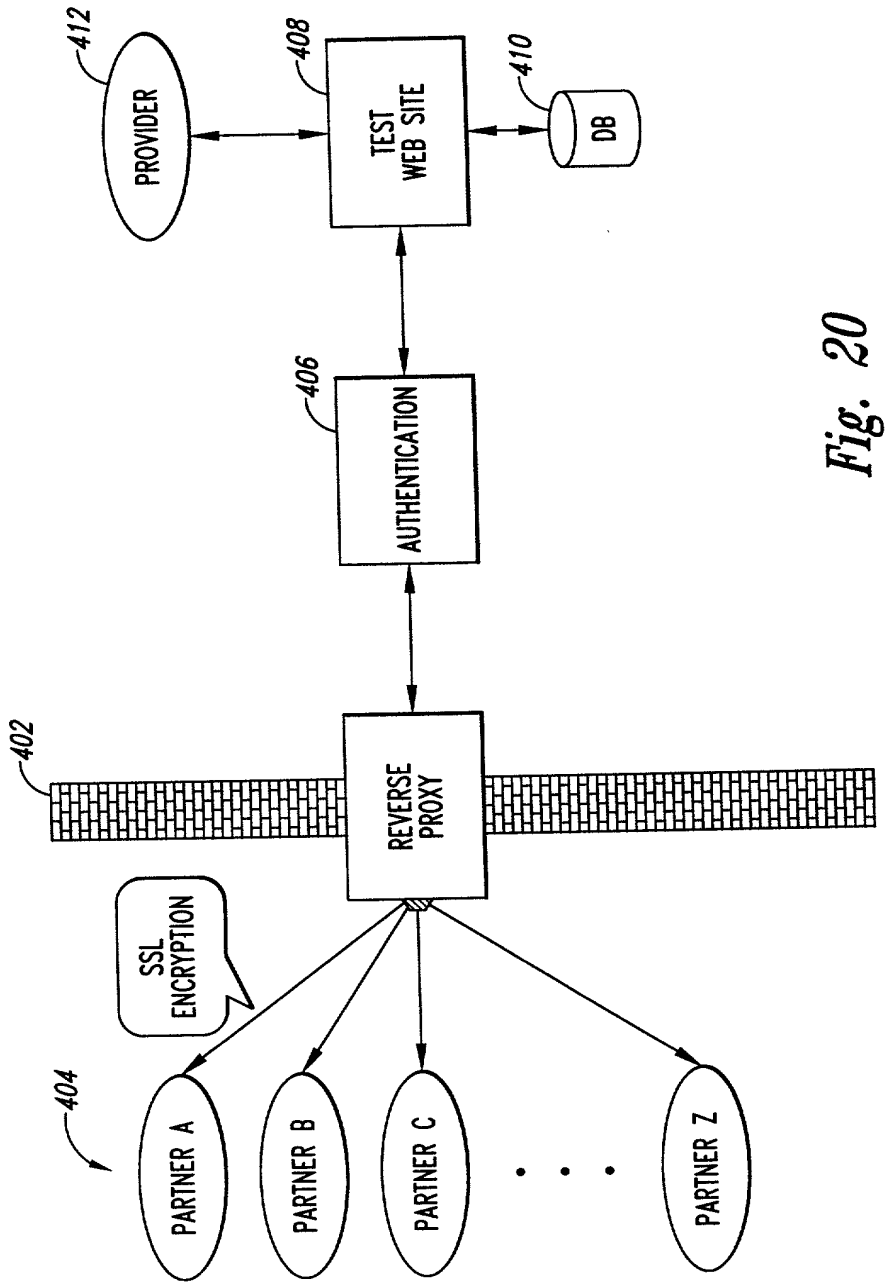

412
PROVIDER
408
TEST WEB SITE
410
DB
406
AUTHENTICATION
402
REVERSE PROXY
SSL ENCRYPTION
404
PARTNER A
PARTNER B
PARTNER C
PARTNER Z

Fig. 20

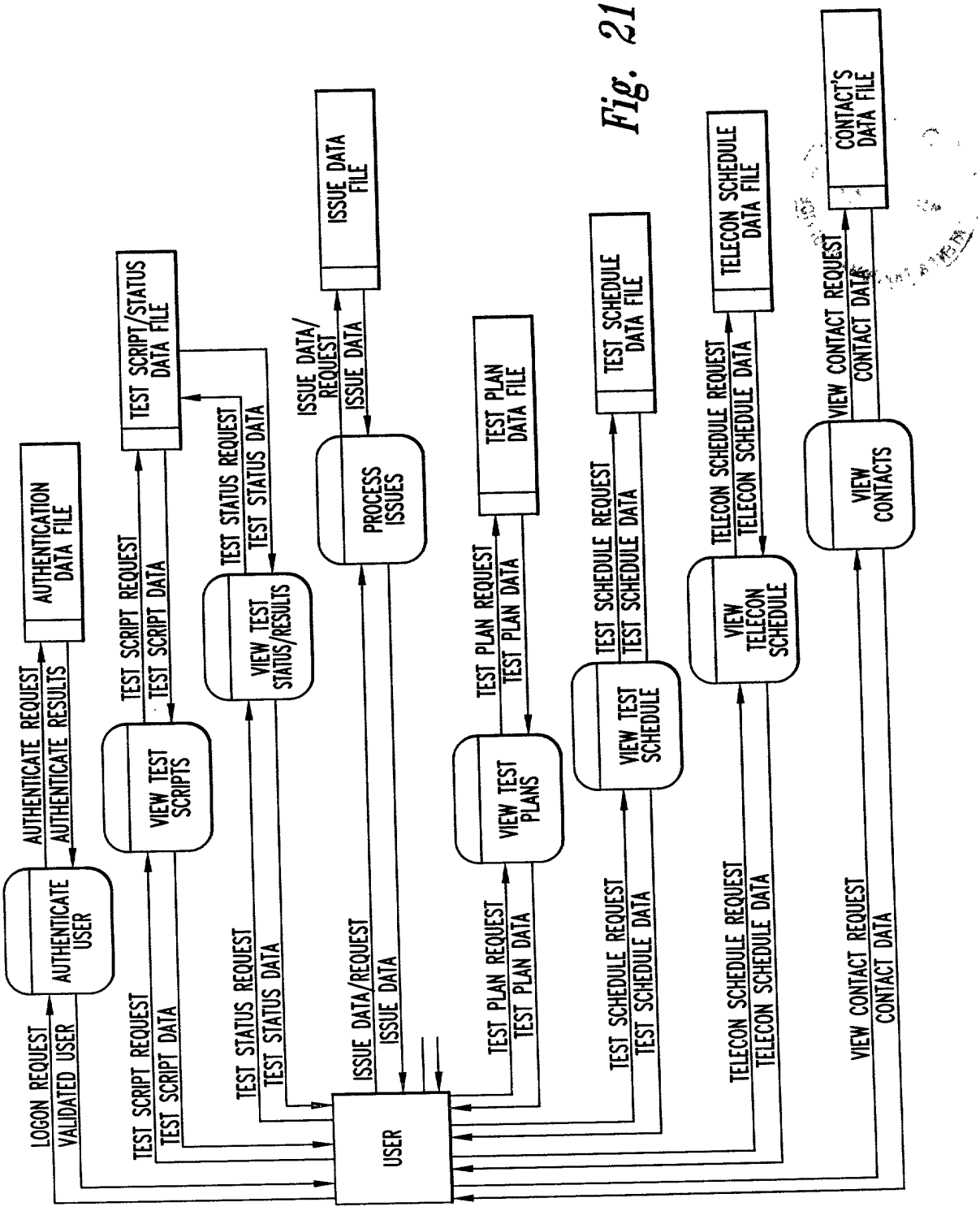
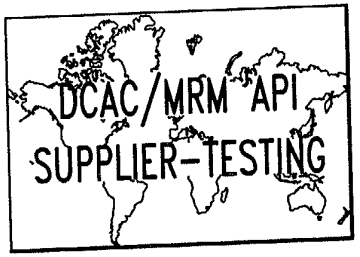

AUTHENTICATE USER
AUTHENTICATION DATA FILE
AUTHENTICATE REQUEST
AUTHENTICATE RESULTS
LOGON REQUEST
VALIDATED USER
VIEW TEST SCRIPTS
TEST SCRIPT/STATUS DATA FILE
TEST SCRIPT REQUEST
TEST SCRIPT DATA
VIEW TEST STATUS/RESULTS
TEST STATUS REQUEST
TEST STATUS DATA
PROCESS ISSUES
ISSUE DATA FILE
ISSUE DATA/ REQUEST
ISSUE DATA
VIEW TEST PLANS
TEST PLAN DATA FILE
TEST PLAN REQUEST
TEST PLAN DATA
VIEW TEST SCHEDULE
TEST SCHEDULE DATA FILE
TEST SCHEDULE REQUEST
TEST SCHEDULE DATA
VIEW TELECON SCHEDULE
TELECON SCHEDULE DATA FILE
TELECON SCHEDULE REQUEST
TELECON SCHEDULE DATA
VIEW CONTACTS
CONTACT'S DATA FILE
VIEW CONTACT REQUEST
CONTACT DATA
USER

Fig. 21

206'E0"4E280007

TEST SCRIPTS
TEST STATUS
ISSUES
PRODUCT EVALUATION
TEST PLAN
TEST SCHEDULE
TELECON SCHEDULE
CONTACTS



TEST SCRIPTS
- VIEW LIST OF TEXT SCRIPTS
- VIEW STEPS OF EACH TEST SCRIPT

TEST STATUS
- VIEW OVERALL TEST STATUS
- VIEW STATUS OF INDIVIDUAL TEST
- ENTER TEST RESULTS

ISSUES
- VIEW EXPLANATION OF ISSUE PROCESS
- SUBMIT NEW ISSUE
- RETRIEVE STATUS OF ISSUES

PRODUCT EVALUATION
- SUBMIT A PRODUCT EVALUATION
- VIEW PRODUCT EVALUATIONS

TEST PLAN
- VIEW PRINT TEST PLAN

TEST SCHEDULE
- VIEW TEST SCHEDULE OF INDIVIDUAL TESTS

TELECON SCHEDULE
- VIEW TELECON INFORMATION

CONTACTS
- VIEW BOEING/SUPPLIER CONTACTS

Fig. 22

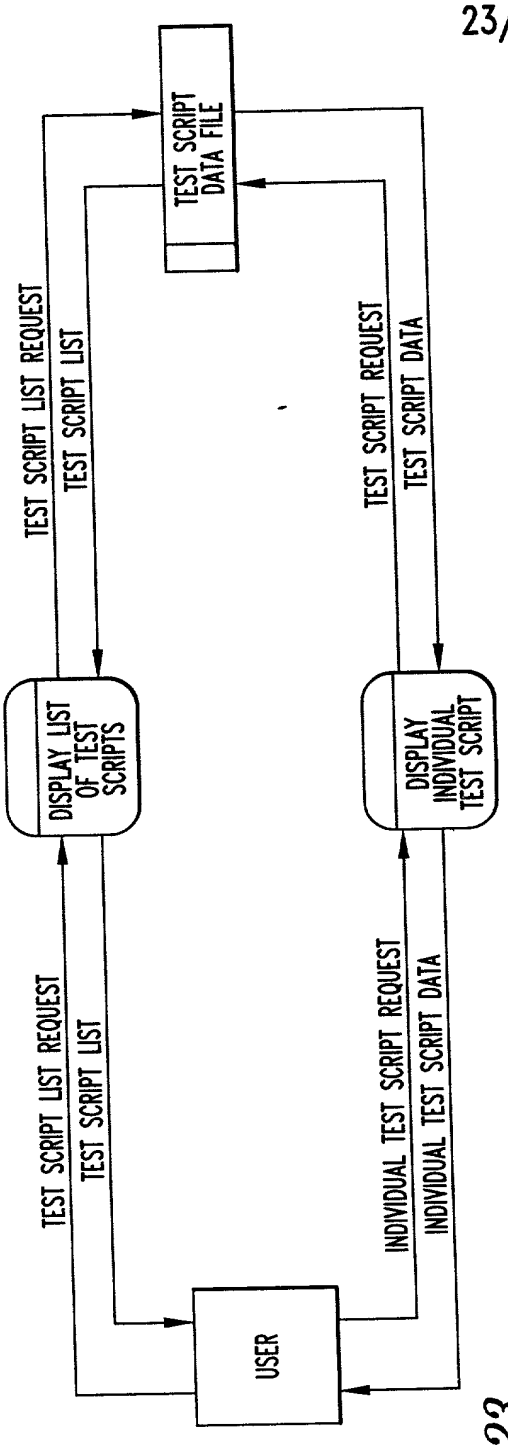

TEST SCRIPT DATA FILE
DISPLAY LIST OF TEST SCRIPTS
DISPLAY INDIVIDUAL TEST SCRIPT
USER
TEST SCRIPT LIST REQUEST
TEST SCRIPT LIST
TEST SCRIPT REQUEST
TEST SCRIPT DATA
TEST SCRIPT LIST REQUEST
TEST SCRIPT LIST
INDIVIDUAL TEST SCRIPT REQUEST
INDIVIDUAL TEST SCRIPT DATA

Fig. 23

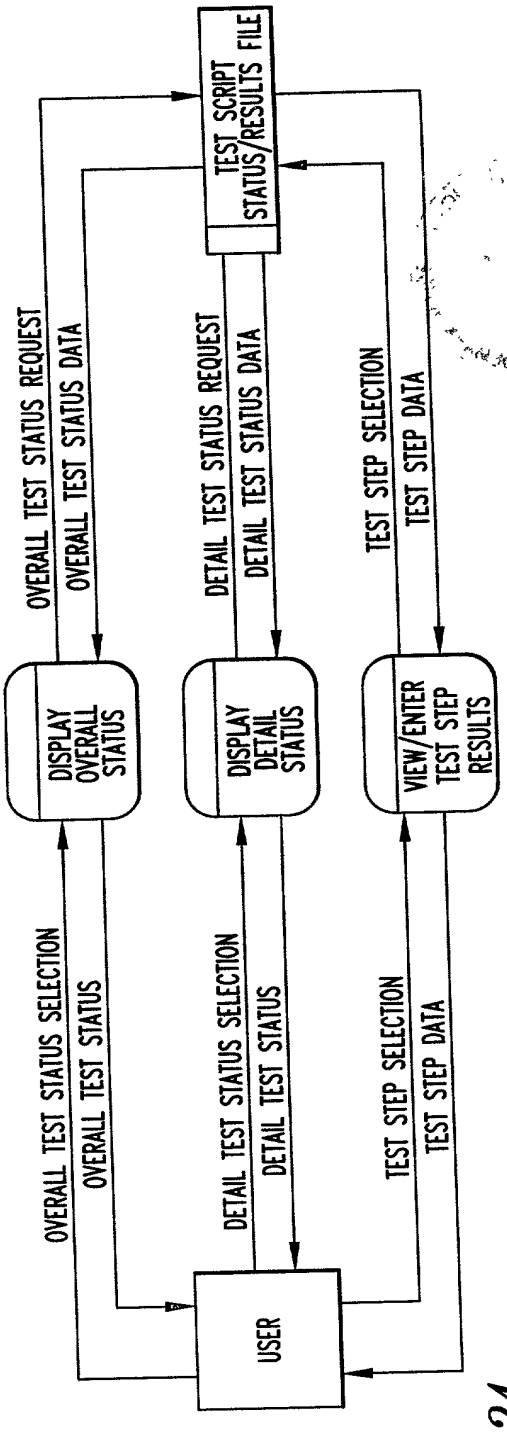

TEST SCRIPT STATUS/RESULTS FILE
DISPLAY OVERALL STATUS
DISPLAY DETAIL STATUS
VIEW/ENTER TEST STEP RESULTS
USER
OVERALL TEST STATUS REQUEST
OVERALL TEST STATUS DATA
DETAIL TEST STATUS REQUEST
DETAIL TEST STATUS DATA
TEST STEP SELECTION
TEST STEP DATA
OVERALL TEST STATUS SELECTION
OVERALL TEST STATUS
DETAIL TEST STATUS SELECTION
DETAIL TEST STATUS
TEST STEP SELECTION
TEST STEP DATA

Fig. 24

206'ED "4E280007

SCRIPTNUMBER	TITLE	LAST PASS/FAIL STEP		STATUS	TOTAL STEPS	%COMPLETE
FH1 1	BASIC RELEASE	37	37 GET	COMPLETE	37	100%
FTU616SCML-01	INITIAL SUPPLIER CUSTOM MODULE LIST	200	GET	IN-WORK	21	95%
FTU616SCML-02	REVISED SUPPLIER CUSTOM MODULE LIST	210	GET	COMPLETE	21	100%
FTU616SCML-03	SUPPLIER CUSTOM MODULE LIST WITH SCP REMOVED	210	GET	COMPLETE	21	100%
FTU616SMPL-01	INITIAL SUPPLIER MODULE PARTS LIST FOR MODULE	1	GET	NOT STARTED	21	0
FTU616SMPL-02	REVISED SUPPLIER MODULE PARTS LIST FOR MODULE		GET	NOT STARTED	21	0
FTU616SMPL-03	SUPPLIER MODULE PARTS LIST FOR EXCEPTION MODULE		GET	NOT STARTED	21	0
FTU616SMPL-04	SUPPLIER MODULE PARTS LIST WHEN USING PICTURE SHEET		GET	NOT STARTED	21	0
FTU616SMPL-05	SUPPLIER MODULE PARTS LIST FOR MODULE		GET	NOT STARTED	21	0

18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

Fig. 25

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION
Inventors: Libra et al.
Docket No. 00-348

206'60' 4628000T

PASS

NEW DCCB SYSTEM WAS NOT USED AT THIS TEST. TEST IS COMPLETED USING EXISTING CONVENTIONAL DCCB SYSTEM.

PARTIALLY FAIL FOR NEW SYSTEMS, FOUND OUT SYSTEM PROBLEM ON NEW DATA CONTROL SYSTEM.
THE PROBLEMS WERE FIXED.

REMARKS

USED CONVENTIONAL SYSTEM TO REVIEW THE TEST DATA.

NEW SYSTEM'S PROBLEM HAS BEEN FIXED. AT THE CAT TEST, NEW SYSTEM WILL BE USED AND CONFIRMED.

SUBMIT

CLEAR FILEDS

TEST SCRIPT TITLE	TEST SCRIPT NUMBER	DAY	STEP	SITE	JOB ROLE
BASIC RELEASE PHI I		2	20	SUPPLIER	BUSINESS OFFICE

TEST SCRIPT ACTION
DCCB ? REVIEW AND APPROVAL OF JOB PACKAGE ? DECIDE INCORPORATION POINT ? APPROVE DCP ? DISTRIBUTE DCP RESULTS ? MAINTAIN DCCB DATABASE ? MAINTAN CCL DATABASE

Fig. 26

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION
Inventors: Libra et al.
Docket No. 00-348

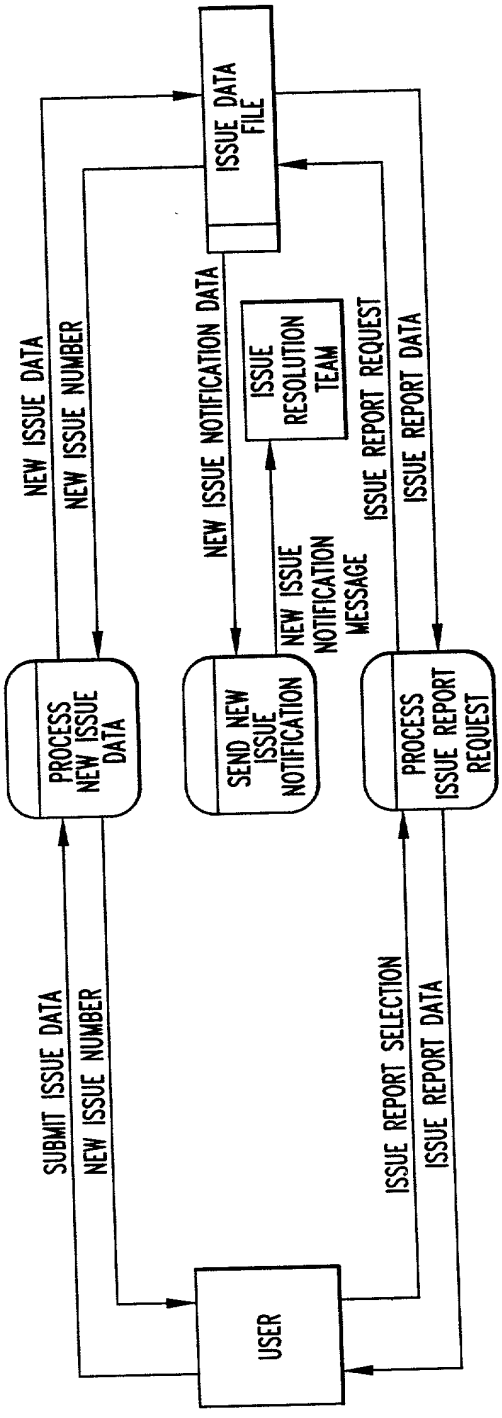

ISSUE DATA FILE
NEW ISSUE DATA
NEW ISSUE NUMBER
NEW ISSUE NOTIFICATION DATA
ISSUE RESOLUTION TEAM
NEW ISSUE NOTIFICATION MESSAGE
ISSUE REPORT REQUEST
ISSUE REPORT DATA
PROCESS NEW ISSUE DATA
SEND NEW ISSUE NOTIFICATION
PROCESS ISSUE REPORT REQUEST
SUBMIT ISSUE DATA
NEW ISSUE NUMBER
ISSUE REPORT SELECTION
ISSUE REPORT DATA
USER

Fig. 27